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DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES  
**DIVISION OF ENVIRONMENTAL PROTECTION**

333 W. Nye Lane, Room 138  
Carson City, Nevada 89706

**July 24, 2004**

This fact sheet is provided in accordance with  
40 CFR 124.8 and NAC 444.8632.

**OVERVIEW**

This facility is located in Fernley, Nevada (approximately 35 miles east of Reno, Nevada) in an industrial area on 10 acres of land, bounded on three sides by undeveloped land with Newlands Drive providing the northern boundary. A six-foot chain-link fence surrounds the property. The main gate along Newlands Drive is electronically operated and passage is controlled from the office. The facility recycles hazardous waste by reclaiming the metal content from various metal-bearing waste streams and spent batteries. The reclaimed material is then blended to smelter specifications and sent to a smelter for final recovery. The primary metals recycled at this facility are copper, zinc, iron, chrome, tin, lead, and nickel. The facility is also permitted to perform acid/base neutralization for liquid waste and cyanide destruction. Processes involved include a combination of chemical treatment (oxidation, reduction, precipitation, neutralization), mechanical separation, drying and blending. This site was constructed in 1986 and was originally owned and operated by ETICAM. In 1981, ETICAM became a Nevada corporation and later changed its name to 21st Century Environmental Management, Inc.. In 1997, the facility was acquired by Philip Services Corporation and now operates as 21st Century Environmental Management Inc. (21 EMI), a Philip Services Company.

**TYPES OF MATERIALS HANDLED**

1. Oils

2. Solvents
3. Pesticides
4. Chlorinated Hydrocarbons
5. Reactives
6. Inorganic Acids/Bases
7. Metals
8. Labpacks
9. Empty Drums
10. Contaminated Soil
11. Contaminated Water

This facility does not accept explosive, bio-hazardous or radioactive wastes or waste containing dioxins or PCBs > 50 ppm.

## **BASIS OF PERMIT CONDITIONS AND REGULATORY PROCEDURES**

The conditions of the Draft Permit are based upon the information in the Part A and B application and other documentation submitted by 21 EMI. These conditions comply with all the requirements of 40 CFR 264 and 270 as adopted by NAC 444.8632. No variance requests were received or considered in the Draft Permit issuance.

The NDEP conducted both a technical and regulatory review of the Part A and B application for completeness and consistency with the regulations. All questions have been resolved satisfactorily and the Division has no more comments pending public review with respect to the application.

The public comment period will be open for 45 days (see PUBLIC NOTICE). Requests for additional information or notification of the final decision may be made by contacting Jon Taylor, Nevada Division of Environmental Protection, Bureau of Waste Management, 333 West Nye Lane, Room 138, Carson City, Nevada 89706-0851. Phone: (775) 687-9477; E-mail: [jtaylor@ndep.nv.gov](mailto:jtaylor@ndep.nv.gov)